Declassified in Part - Sanitized Copy Approved for Release 2013/07/16 : CIA-RDP78-03153A001900020005-7

SECRET

1 November 1955

2ie P154

MEMORANDUM FOR: THE RECORD 50X1

SUBJECT: Trip Report to 50X1

1. Time and Place of Meeting: The meeting was held at on 27 October 1955, from 0900 to 1300. 50X1

2. Attendance: 50X1

3. Purpose of Meeting: To review progress of APD projects.

4. Discussion: The following projects were discussed while at 50X1

a. Optical Comparator - The subject project is progressing satisfactorily. The rough machining of the castings is expected to be completed by 1 November 1955. Subsequently, the castings will be heat treated and the ways hand worked to the desired accuracy. The glass scales have not been received from Hilger & Watts Lmtd., but are expected in the near future. The optical components of the system are currently being secured from local suppliers. 50X1 indicated that he expects to meet the deadline of 1 January 1956. 50X1 proposes to calibrate the instrument by comparing scale increments as measured by the instrument with those determined by the Bureau of Standards. Measurements will be taken along the X and Y axes at various locations.

b. Film Slitter - Various commercial film and tape cutters have been investigated by and found to be unsatisfactory. 50X1 It was suggested by the undersigned that roller cutters be secured and a rough mock-up be prepared to demonstrate the possibility of cutting a strip of film into sections. The quality of such an operation would demonstrate whether work should be undertaken on the development of a finished unit to cut varying widths of film.

c. Table Copy Camera -

SECRET

DOCUMENT NO. 5
NO CHANGE IN CLASS. ☐
☐ DECLASSIFIED
CLASS. CHANGED TO: TS S (C) 2010
NEXT REVIEW DATE:
AUTH: HR 70-2
DATE: 24 11 80 REVIEWER: 037169

Declassified in Part - Sanitized Copy Approved for Release 2013/07/16 : CIA-RDP78-03153A001900020005-7

Declassified in Part - Sanitized Copy Approved for Release 2013/07/16 : CIA-RDP78-03153A001900020005-7

c. Table Copy Camera - The proposal submitted by [redacted] 50X1 on the subject project was discussed. It was indicated by the undersigned that specifications on distortion, resolution and magnification should be indicated in the proposal. The possibility of using a flash lamp illumination system and quality standards for the reflecting surfaces were also discussed. [redacted] indicated that they would 50X1 amend their proposal to include our recommendations.

d. [redacted] Camera - It was indicated by the undersigned that 50X1 [redacted] should submit a proposal for the fabrication of [redacted] 50X1 . Pictures of a field fabricated unit were shown as an indication of what is desired under such a proposal. [redacted] indicated certain questions which need to 50X1 be answered by APD prior to their submitting a proposal.

50X1

5. Conclusions: Progress on APD projects is satisfactory.

6. Recommendations:

a. Work on comparator be closely followed until completed.

b. Questions asked with regard to the [redacted] camera be 50X1 answered.

c. Further discussion be held with regard to proposal submitted by [redacted] on the desk copy camera. 50X1

50X1

[redacted]

TSS/APD

Distribution:
Orig. - P-154 ✓
1 - Chrono
3 [redacted]

TSS/APD/[redacted] (1 Nov 55) 50X1

Declassified in Part - Sanitized Copy Approved for Release 2013/07/16 : CIA-RDP78-03153A001900020005-7